

How to replace rear brake discs on
FIAT 500 (312)

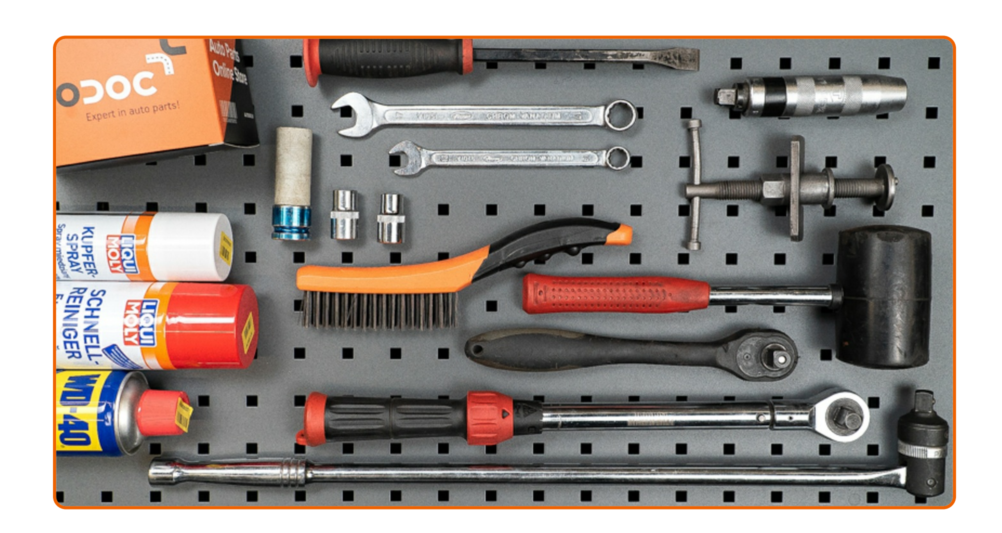
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT 500 (312_) 1.4 (312AXC1B, 312CXC1B), FIAT 500 C (312_) 1.4 (312CXC1B, 312AXC1B), FIAT PANDA (169_) 1.4 (169AXE1B)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #17
- Drive socket # 12
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Rubber mallet
- Crow bar
- Wheel chock

AUTODOC recommends:

- Replace the brake disks on the car FIAT 500 (312) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

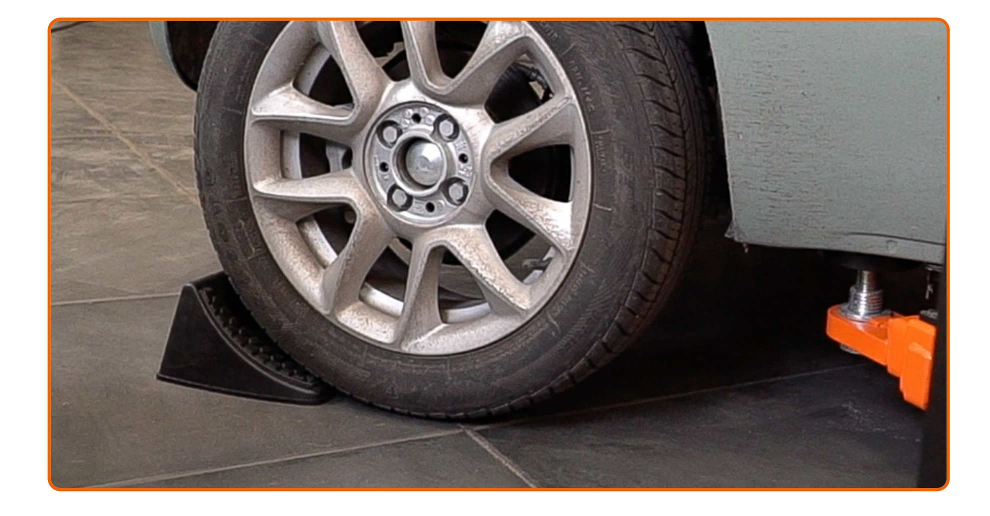
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the brake caliper fastening. Use a drive socket #13. Use a combination spanner #17. Use a ratchet wrench.

9

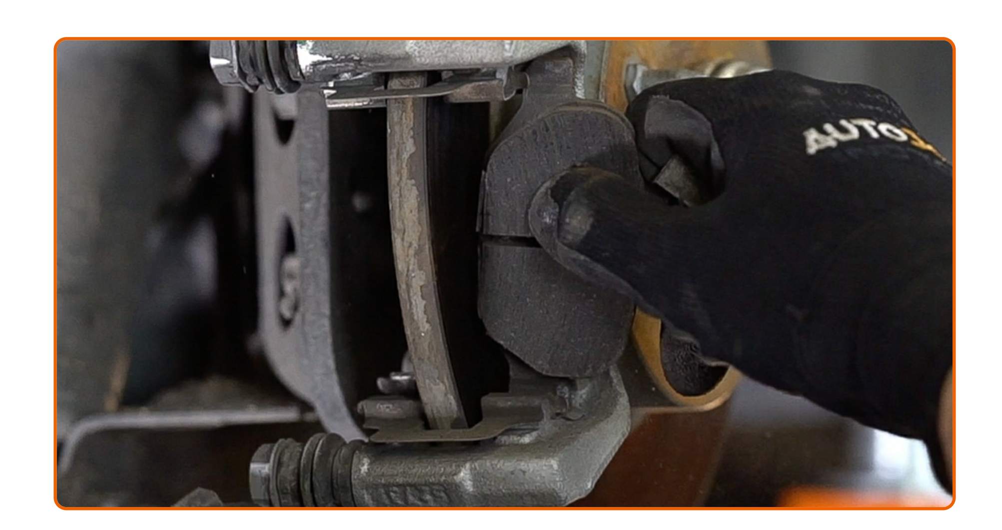


Remove the brake caliper.

AUTODOC recommends:

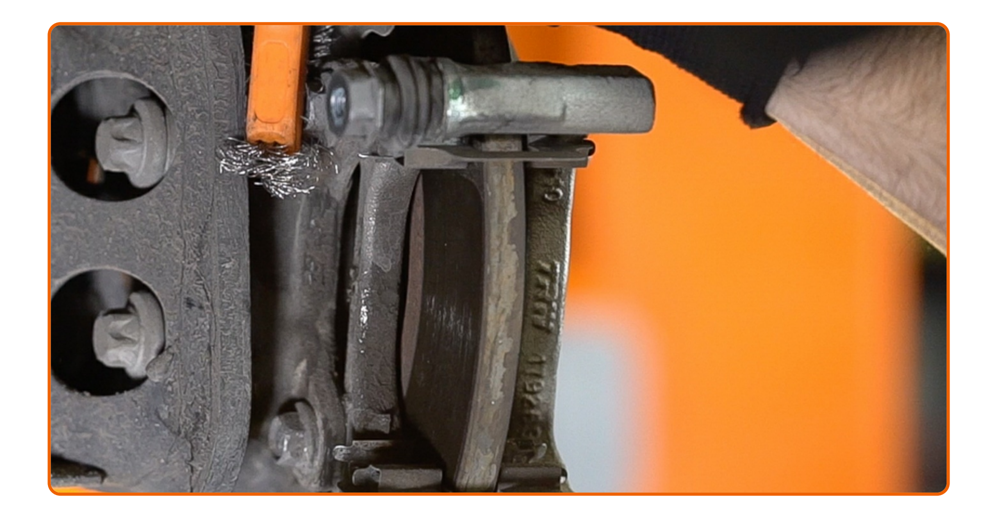
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

10



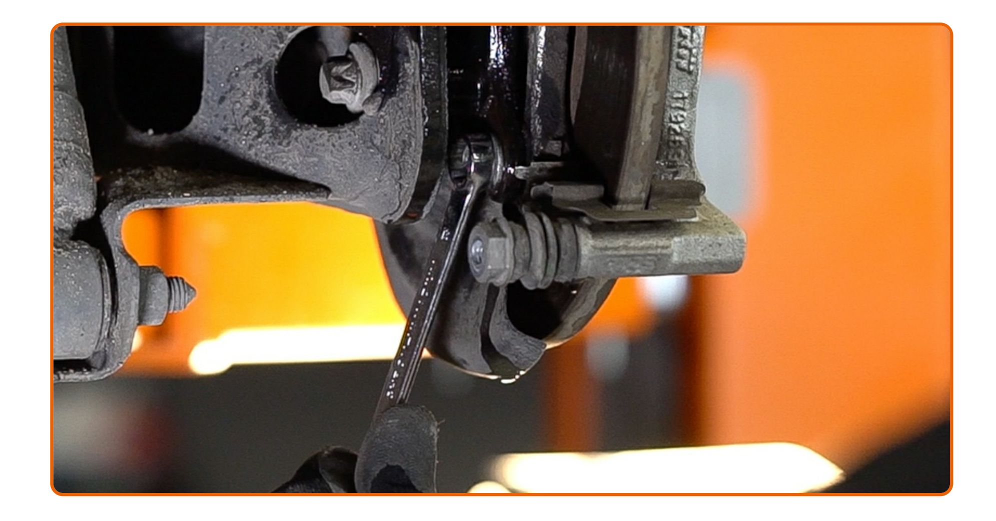
Remove the brake pads. Use a crowbar.

11



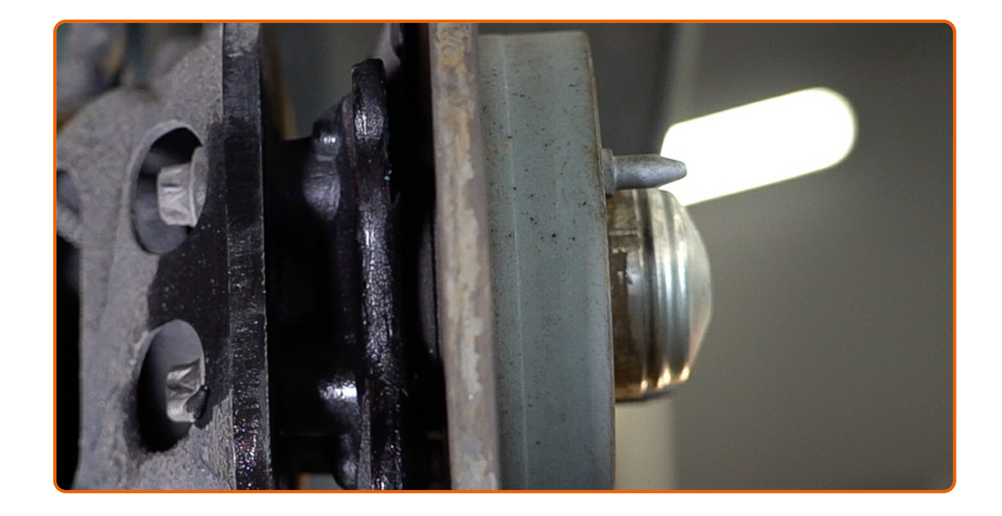
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

12



Unscrew the caliper bracket fastening. Use a combination spanner #13.

13



Remove the caliper bracket.

14



Clean the brake disk surface. Use a wire brush. Use WD-40 spray.

15



Unscrew the brake disc fastening Use a drive socket #12. Use a ratchet wrench.

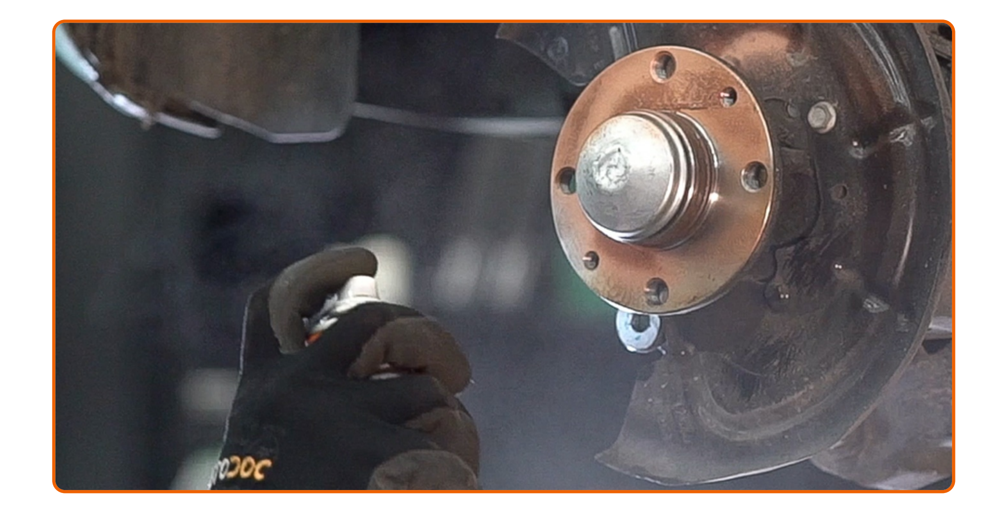
AUTODOC recommends:

- If necessary, use a rubber mallet.

16

Remove the brake disc.

17



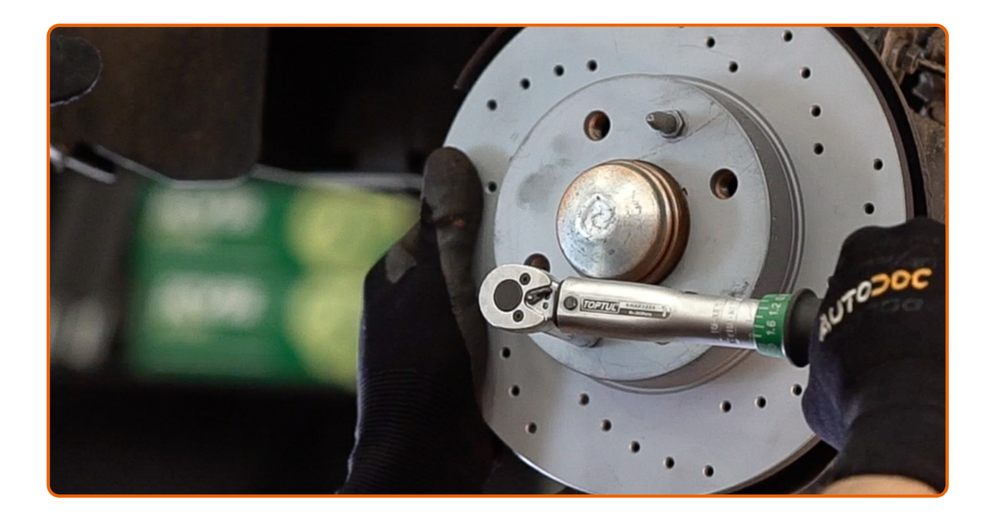
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

18



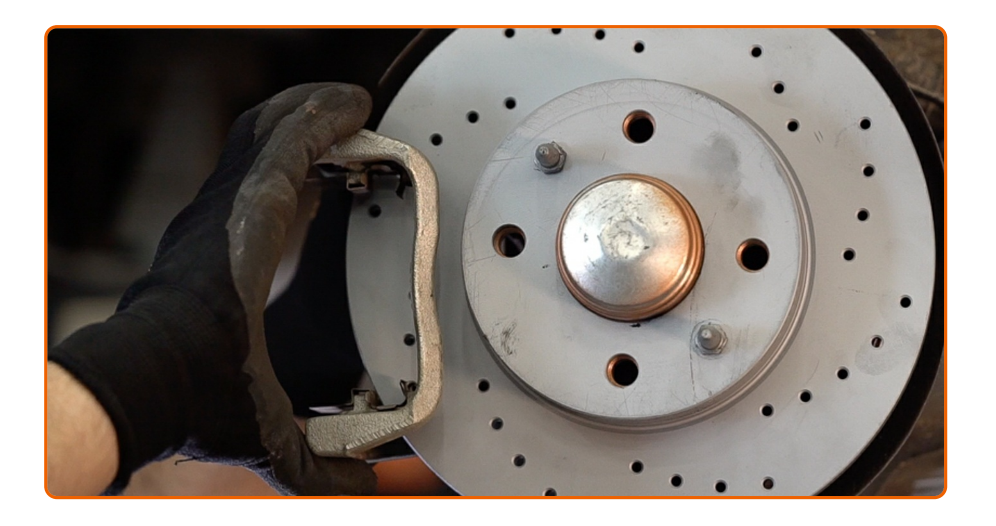
Install the brake disc.

19



Tighten the brake disc fastening. Use a drive socket #12. Use a torque wrench. Tighten it to 9 Nm torque.

20



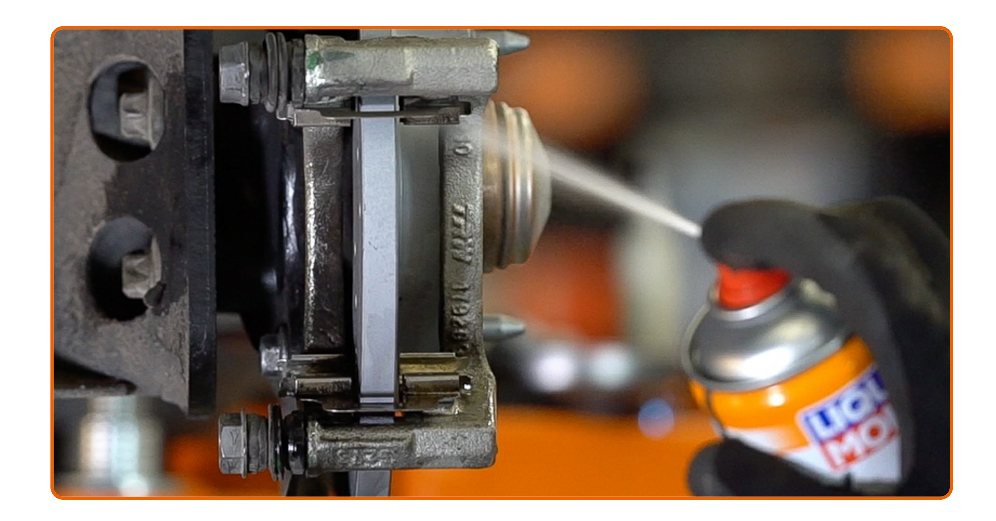
Install the brake caliper bracket.

21



Tighten the brake caliper bracket. Use a combination spanner #13. Use a torque wrench. Tighten it to 70 Nm torque.

22

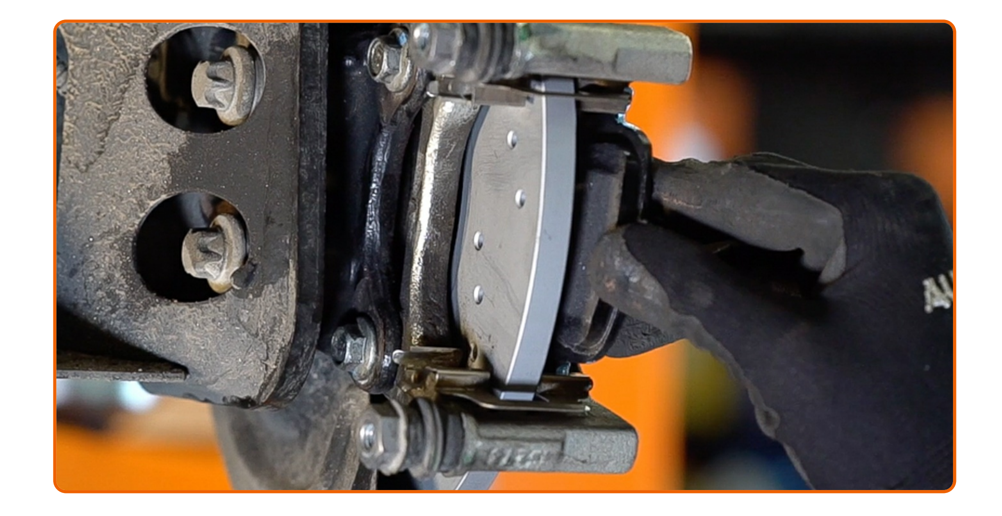


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

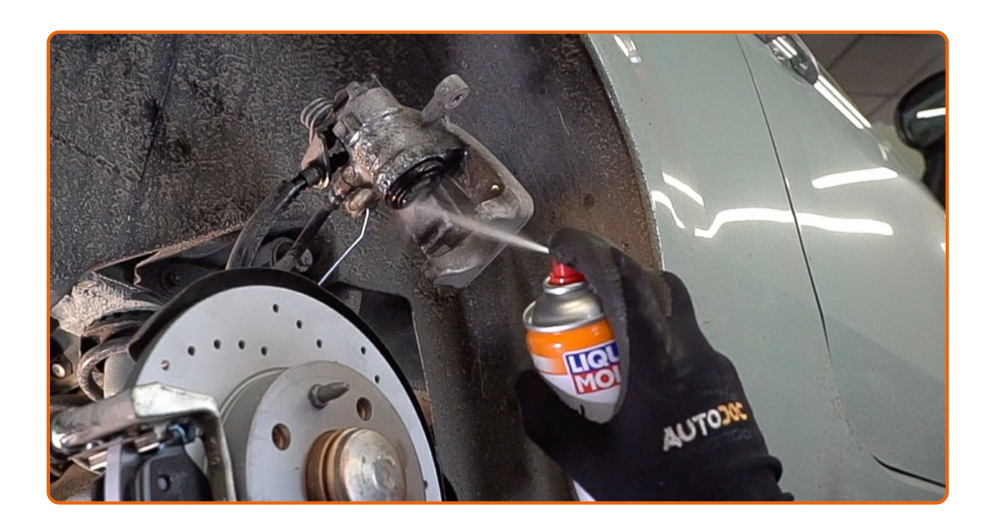
- After applying the spray, wait a few minutes.

23



Install the brake pads.

24



Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

25

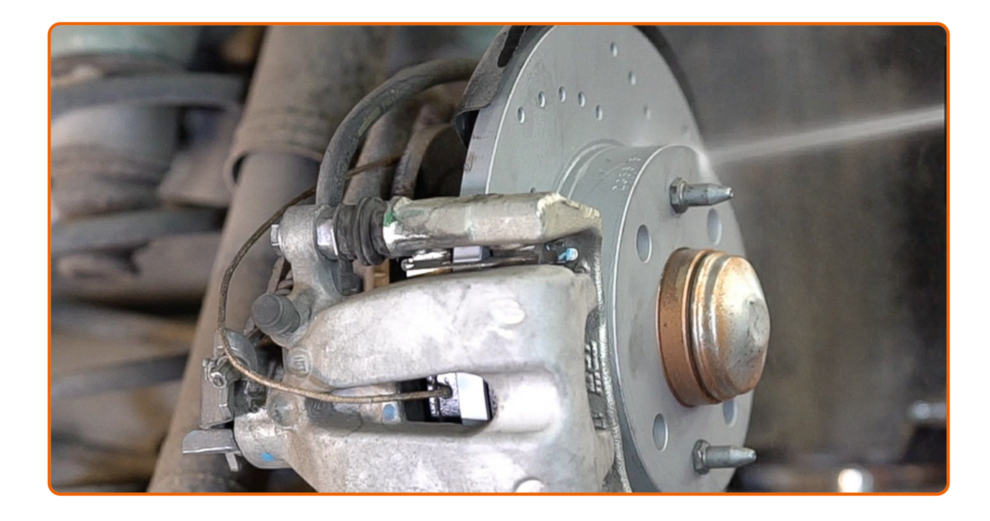


Press in the brake caliper piston. Use brake caliper wind back tool.

26

Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench. Use a torque wrench. Tighten it to 35 Nm torque.

27



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29



Install the wheel.

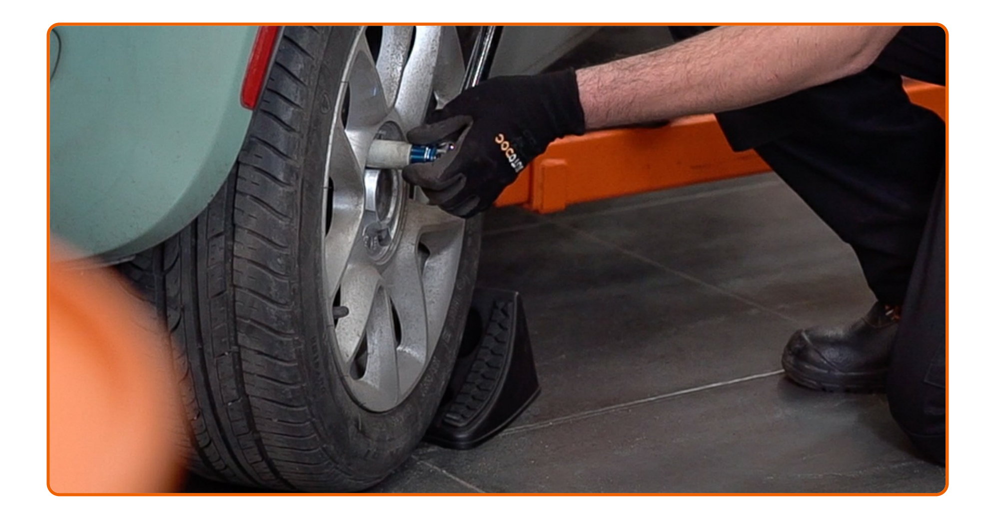
AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

30

Screw in the wheel bolts. Use wheel impact socket #17.

31



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

32



Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

33

Remove the jacks and chocks.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

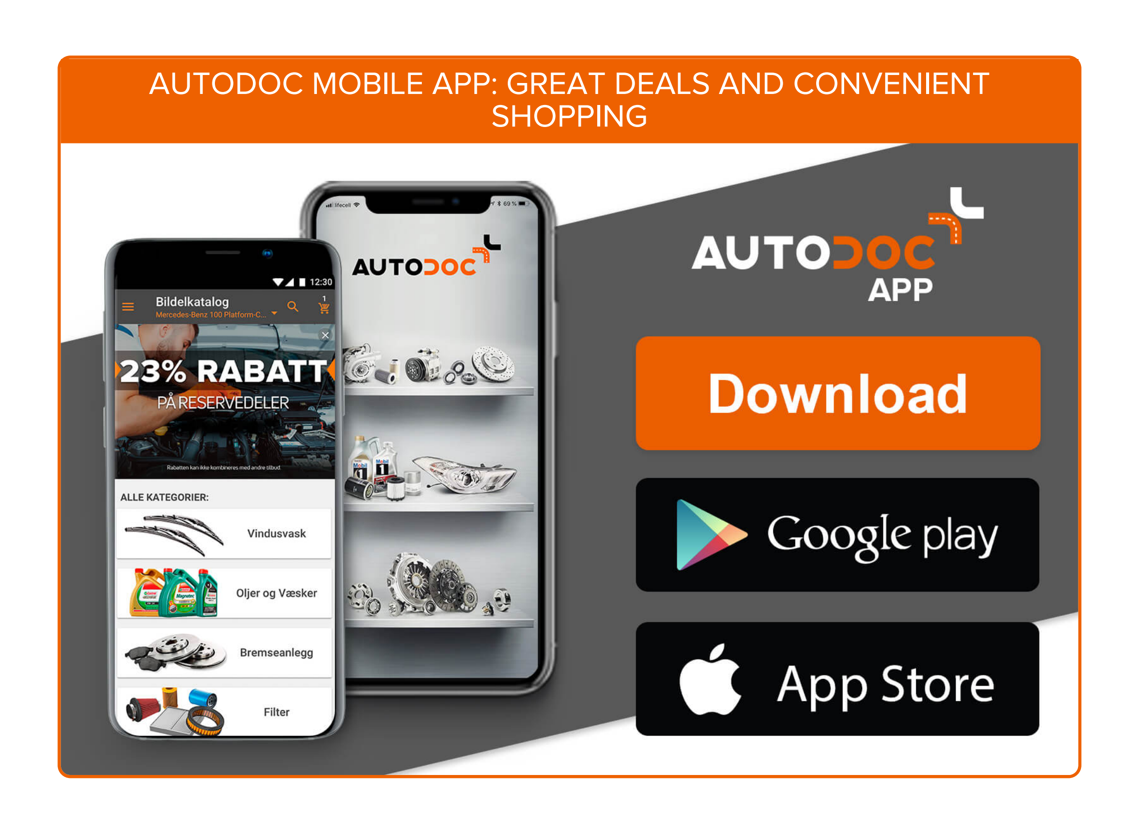


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